

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,592,223 B1
DATED : July 15, 2003
INVENTOR(S) : Stern et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8.

Lines 35-49, claim 14 should read as follows:

14. A method of performing a color test on a user of a display, wherein the user is positioned in front of the display, comprising the steps of:
a) providing a display and a color test on the display;
b) providing a user-controlled input device and a central processing system, wherein the user controlled input device is capable of inputting information into the central processing system, and the central processing system is capable of receiving and analyzing input from the user-controlled input device;
c) allowing the user to perform the color test;
d) allowing the user to input a response into the central processing system; and
e) allowing the central processing system to analyze the response.

Lines 54-67, claim 16 should read as follows:

16. A method of monitoring blinking of a user of a display when the user is positioned in front of the display, comprising the steps of:
a) providing a display, an imaging sensor and a central processing system, wherein the imaging sensor is located in front of the user and is capable of inputting information to the central processing system, and the central processing system is capable of receiving and analyzing input from the imaging sensor;
b) allowing the imaging sensor to measure number of times the user blinks over a period of time;
c) allowing the central processing system to receive and analyze input from the image sensor to determine blink rate over a period of time.

Column 9.

Lines 3-4, claim 18 should read as follows:

18. The method of claim 16, wherein the central processing system is accessible via internet.

Lines 11-15, claim 21 should read as follows:

21. The method of claim 25, wherein the step of displaying the visual acuity test comprises displaying a symbol and requiring the user to progressively indicate a feature in the symbol, while the feature in the symbol rotates and the symbol changes in size.

Column 11, line 21 - Column 12, line 3.

Claim 38 should read as follows:

38. A system for monitoring use of a display by a user when the user is positioned in front of the display, comprising:
a) a display that is capable of displaying information inputted into or from central processing system;

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 11, line 21 - Column 12, line 3 (cont'd).

- b) at least one distance sensor that is capable of measuring viewing distance and inputting information into the central processing system;
- c) at least one light sensor that is capable of detecting ambient light level and is capable of inputting information into the central processing system;
- d) the central processing system that is capable of receiving and analyzing information received from the distance sensor and light sensor.

Column 12.

Lines 8-12, claim 40 should read as follows:

40. The system of claim 38, further comprising at least one sensor selected from the group consisting of a noise sensor, a temperature sensor, a humidity sensor and an imaging sensor, each being capable of inputting information into the central processing system.

Lines 13-15, claim 41 should read as follows:

41. The system of claim 38, wherein the system comprises 3 light sensors and the 3 light sensors are positioned to determine source of multidirectional light relative to the user.

Lines 24-26, claim 45 should read as follows:

45. The system of claim 38, wherein the system further comprises a mechanical apparatus and the mechanical apparatus provides for automatically moving the display to adjust for accommodative and visual changes of the user.

Signed and Sealed this

Twenty-sixth Day of April, 2005



JON W. DUDAS
Director of the United States Patent and Trademark Office

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION



PATENT NO. : 6,592,223 B1

DATED : July 15, 2003

INVENTOR(S) : Roger A. Stern, Jory E. Moon and Sherwyne R. Bakar

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the claims:

14. A method of performing a color test on a user of a display, wherein the user is positioned in front of the display, comprising the steps of:

- a) providing a display and a color test on the display;
- b) providing a user-controlled input device and a central processing system, wherein the user controlled input device is capable of inputting information into the central processing system, and the central processing system is capable of receiving and analyzing input from the user-controlled input device;
- b) ~~allowing the imaging sensor to measure number of times the user blinks over a period of time; and~~
- c) ~~allowing the central processing system to receive and analyze input from the image sensor to determine blink rate over a period of time~~
- c) allowing the user to perform the color test;
- d) allowing the user to input a response into the central processing system; and
- e) allowing the central processing system to analyze the response.

16. A method of monitoring ~~blinking~~ blinking of a user of a display when the user is positioned in front of the display, comprising the steps of:

- a) providing a display, an imaging sensor and a central processing system, wherein the imaging sensor is located in front of the user and is capable of inputting information to the central processing system, and the central processing system is capable of receiving and

analyzing input from the imaging sensor;
b) allowing the imaging sensor to measure number of times the user blinks over a period of time;
c) allowing the central processing system to receive and analyze input from the image sensor to determine blink rate over a period of time.

18. The method of claim 17 16, wherein the central processing system is accessible via internet.

21. The method of claim 20 25, wherein the step of displaying the visual acuity test comprises displaying a symbol and requiring the user to progressively indicate a feature in the symbol, while the feature in the symbol rotates and the symbol changes in size.

38. A system for monitoring use of a display by a user when the user is positioned in front of the display, comprising:

a) a display that is capable of displaying information from inputted into or from central processing system;
b) at least one distance sensor that is capable of measuring viewing distance and inputting information into the central processing system;
c) at least one light sensor that is capable of detecting ambient light level and is capable of inputting information into the central processing system;
d) the central processing system that is capable of receiving and analyzing information received from the distance sensor and light sensor.

40. The system of claim 38, further comprising at least one sensor selected from the string group consisting of a noise sensor, a temperature sensor, a humidity sensor and an imaging sensor, each being capable of inputting information into the central processing system.

41. The system of claim 38, wherein the system comprises 3 light sensors and the 3 light sensors are positioned to determine source of multidirectional light relative to the user.

45. The system of claim 38, wherein the system further comprises a mechanical apparatus and the mechanical apparatus provides for automatically moving the display to adjust for accommodative and visual changes of the user.

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